

UN38.3 检测符合性证明

UN38.3 Test Compliance Certificate

Renogy-issued summary of independent laboratory test evidence

品牌/出具方 Brand / Issuer	RENOGY / RNG International Inc.
出具方地址及联系 Issuer Contact	5050 S Archibald Ave, Ontario, CA 91762, United States Tel: +1 (909) 287 7111 Email: support@renogy.com Website: www.renogy.com
样品名称 Sample Name	Rechargeable Lithium Iron Phosphate Battery Pack
样品型号 Sample Model	RBT12100LFP-M
类别/额定参数 Type / Rating	Lithium-ion (LiFePO4) 12.8 V 100 Ah 1280 Wh Mass: Approx. 9.9 kg
外观描述及尺寸 Physical Description	Enclosed rechargeable battery pack; 230.0 x 210.0 x 137.0 mm
独立检测机构 Testing Laboratory	KSIGN (Guangdong) Testing Co., Ltd. West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China Tel: +86 755 29852678 Email: info@gdksign.cn Website: www.gdksign.com
原始报告编号及日期 Original Report No.	KS2408S3282B01 Issued: 2024-08-26
测试依据 Test Standard	ST/SG/AC.10/11/Rev.8, Part III, subsection 38.3

Test Conclusion / 检测结论:

RNG International Inc. confirms, on the basis of the report(s) identified above, that the documented battery type meets the applicable UN38.3 tests. This certificate applies to the design/configuration covered by that evidence.

T.1 Altitude simulation	PASS	T.5 External short circuit	PASS
T.2 Thermal test	PASS	T.6 Impact / crush (crush route)	PASS
T.3 Vibration	PASS	T.7 Overcharge	PASS
T.4 Shock	PASS	T.8 Forced discharge	PASS

T.6/T.8: component-cell tests. 38.3.3(f)/(g): no assembled-battery exemption invoked.

出具方签字及盖章

For and on behalf of RNG International Inc.

Source signatory (facsimile): Nico Yu

Position: Certification Supervisor

Nico Yu



Signature and seal facsimiles reproduced from Renogy declaration records.